

L7725.05107

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/538934

INTERNATIONAL APPLICATION NO.  
PCT/EP2002/014744

INTERNATIONAL FILING DATE  
December 23, 2002

PRIORITY DATE CLAIMED

TITLE OF INVENTION

METHOD AND APPARATUS FOR TRANSMITTING DATA IN A DIVERSITY COMMUNICATION SYSTEM EMPLOYING  
CONSTELLATION REARRANGEMENT WITH QPSK MODULATION

APPLICANT(S) FOR DO/EO/US

Alexander GOLITSCHKE EDLER VON ELBWART  
Christian WENGERTER

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

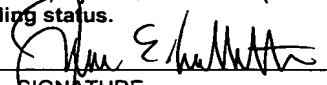
Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.
23. ☒ Other items or information:

PCT/IB/308

PCT/RO/101

Partial Application Data Sheet

U.S. APPLICATION NO. (if known, see 37 CFR 2.25) <div style="font-size: 1.5em; font-weight: bold;">107538934</div>		INTERNATIONAL APPLICATION NO. <div style="font-weight: bold;">PCT/EP2002/014744</div>		ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold;">L7725.05107</div>		
The following fees are submitted:				CALCULATIONS	PTO USE	
24. <input checked="" type="checkbox"/> Basic national fee .....		\$300		\$	\$300.00	
25. <input checked="" type="checkbox"/> Examination fee						
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....		\$100		\$	\$200.00	
All other situations.....		\$200				
26. <input checked="" type="checkbox"/> Search fee .....						
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		\$100				
International Search Report prepared and provided to the Office .....		\$400				
All other situations.....		\$500		\$	\$500.00	
<b>TOTAL OF 24, 25 and 26 =</b>				\$	\$1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE			
- 100 =	0	/50 =	0	x	\$250.00	
				\$	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims	15 - 20 =	0	x	\$50.00	\$ \$0.00	
Independent claims	2 - 3 =	0	x	\$200.00	\$ \$0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/> + \$360.00				\$	\$360.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	\$1,360.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$0.00	
<b>SUBTOTAL =</b>				\$	\$1,360.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00	
<b>TOTAL NATIONAL FEE =</b>				\$	\$1,360.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$	\$1,360.00	
				Amount to be	\$	
				Amount to be	\$	
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>\$1,360.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-4375</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO: James E. Ledbetter STEVENS, DAVIS, MILLER & MOSHER, LLP 1615 L. Street, NW, Suite 850 Washington, DC 20036						
				 SIGNATURE James E. Ledbetter		
				NAME		
				28,732		
				REGISTRATION NUMBER		